

April 5, 1976

MEMO TO FILE:

Re: Utah International Iron Mine
#43-021-001
T. 35 S., R. 12 W.
Iron County, Utah

A field inspection was conducted on March 30th as a follow-up to the March 18th inspection of the Utah International Iron Springs District Mining Operation.

As previously planned, trial revegetation plots were established on different locations found on this iron mine. One objective in planting these plots was to produce a self sustaining cover requiring no further maintenance. Three (3) one-sixth (1/6) acre plots were hand-planted with seedlings produced by the Utah State Forest's Tree Seedling Nursery. On each of these 1/6 acre plots, seventy (70) individual seedlings were hand-planted using planted bars. Ten (10) trees of each of the seven (7) species used were placed on each plot. In addition, approximately sixty (60) other seedlings were planted on additional areas, these areas were:

- (1) A riparian environment near a mine drainage stream and ponds,
- (2) On a very barren SE-facing regraded overburden dump.

Some plantings were made within a planned wildlife exclosure to be constructed by Utah International this spring.

Besides James Carter, geologist for this Division, and myself the Reclamation Coordinator, in attendance were:

Utah Forestry Division

Utah International

Mr. Warren White, and

Mr. Garth Webster, Engineer

Mr. Ron Larson

Utah International also contributed identification tags and some marking stakes for the plots.

I feel that the objectives for all three (3) entities involved are as follows:

- (1) Utah International will be given an idea of the most suitable species on the revegetation and the varying techniques applicable to each situation.

- (2) The State Forestry Nursery should benefit from the results of using their seedlings. They will generally obtain an idea of which species to produce and which will be in future demand by the mining industry.

- (3) The Division of Oil, Gas, and Mining will obtain experience in the use of different planting techniques which maybe prescribed for certain

Utah International Iron Mine Memo.

April 5, 1976

Page Two

reclamation sites. Also the Division will gain an idea of which are the most suitable species and the economics of actually planting seedlings vs. direct seeding techniques. The Division will gain from the interest shown in attempting a trial project such as this with Utah International.

RONALD W. DANIELS
COORDINATOR OF MINED
LAND DEVELOPMENT

RWD/lc





















